

DIGITAL SUBSCRIBER LINE
POWER REDUCTION

ABSTRACT OF THE DISCLOSURE

5 A communications system includes an xDSL communications device coupled to customer premises equipment via an xDSL link. The communications device trains the link, determines an available bandwidth for downstream communications, allocates a portion of the
10 available bandwidth based on provisioned parameters of the link, and adjusts operational characteristics of a line driver to reduce the power consumption of the communications device.

15